

CONTRACT CHANGE ORDER MEMORANDUM

DATE: 6/20/2014 Page 1 of 1

TO: Tony Anziano, Program Manager /			FILE: E.A. 04 - 0120F4	
FROM: Darryl Schram, Senior TE			CO-RTE-PM SF-80-13.2/13.9	
			FED. NO. No	
CCO#: 359	SUPPLEMENT#: 0	Category Code: CBPX	CONTINGENCY BALANCE (incl. this change) \$18,795,096.86	
COST: \$362,071.00 INCREASE <input checked="" type="checkbox"/> DECREASE <input type="checkbox"/>			HEADQUARTERS APPROVAL REQUIRED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
SUPPLEMENTAL FUNDS PROVIDED: \$0.00			IS THIS REQUEST IN ACCORDANCE WITH ENVIRONMENTAL DOCUMENTS? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
CCO DESCRIPTION: Temporary OBG Motion Instrumentation			PROJECT DESCRIPTION: CONSTRUCT SELF-ANCHORED SUSPENSION BRIDGE	
Original Contract Time: 2490 Day(s)	Time Adj. This Change: DEF Day(s)	Previously Approved CCO Time Adjustments: 501 Day(s)	Percentage Time Adjusted: (including this change) 20 %	Total # of Unreconciled Deferred Time CCO(s): (including this change) 41

THIS CHANGE ORDER PROVIDES FOR:

Furnish and install Orthotropic Box Girder (OBG) motion instrumentation items including:

- Furnish, route, and pull cables inside the OBG to accelerometers, anemometers, and a temperature probe.
- Furnish and install interface plates for accelerometers.
- Furnish and install six anemometers, one temperature probe, and mounting poles.
- Repair damaged paint.

Design has requested that instruments be installed in and on the OBG to monitor movement of OBG structure. Materials Engineering and Testing Services (METS) will furnish and install twenty accelerometers, on Contractor provided interface plates inside the OBG, to monitor vibrations. The Contractor will furnish and install wind sensors to measure wind speed and a temperature probe on top of the OBG. Conduits, conductors, pull boxes, and supports will be installed by the Contractor to provide power to the instruments. Interface plates will be installed to support installation of the accelerometers. Paint will be repaired after installation of the instruments is complete.

The total cost of this change order is \$312,071.00 lump sum and \$50,000.00 force account for a total of \$362,071.00, which can be financed from the contingency fund. A detailed cost analysis is on file.

Consideration of a time adjustment will be deferred until completion of the work specified herein. Determination of a commensurate time adjustment will be made in accordance with Section 10-1.13, "PROGRESS SCHEDULE (CRITICAL PATH METHOD)" and Section 10-1.14, "TIME-RELATED OVERHEAD" of the Special Provisions, as well as Section 8-1.07, "LIQUIDATED DAMAGES", of the Standard Specifications.

This change order has concurrence from William Casey (Supervising TE), Rich Foley (HQ Oversight), Jing Chen (District Design), and Lina Ellis (Maintenance).

CONCURRED BY:				ESTIMATE OF COST		
Construction Engineer:	William Casey, Sup TE	Date	3/4/13	THIS REQUEST		TOTAL TO DATE
Bridge Engineer:		Date		ITEMS	\$0.00	\$0.00
Project Engineer:	District Design, Jing Chen	Date	4/16/14	FORCE ACCOUNT	\$50,000.00	\$50,000.00
Project Manager:		Date		AGREED PRICE	\$312,071.00	\$312,071.00
FHWA Rep.:		Date		ADJUSTMENT	\$0.00	\$0.00
Environmental:		Date		TOTAL	\$362,071.00	\$362,071.00
Other (specify):	HQ, Rich Foley	Date	3/6/14	FEDERAL PARTICIPATION		
Other (specify):	Struct. Maint, Lina Ellis	Date	4/2/14	<input type="checkbox"/> PARTICIPATING <input type="checkbox"/> PARTICIPATING IN PART <input checked="" type="checkbox"/> NONE <input type="checkbox"/> NON-PARTICIPATING (MAINTENANCE) <input type="checkbox"/> NON-PARTICIPATING		
District Prior Approval By:		Date		FEDERAL SEGREGATION (if more than one Funding Source or P.I.P. type)		
HQ (Issue Approve) By:		Date		<input type="checkbox"/> CCO FUNDED PER CONTRACT <input type="checkbox"/> CCO FUNDED AS FOLLOWS		
Resident Engineer's Signature:		Date		FEDERAL FUNDING SOURCE PERCENT _____ _____ _____		